COTTON CHATS

FROM

DRAPER COMPANY

SHIPMAN'S
COMMON-SENSE BINDER

PATENTED

JANUARY 19, 1892. APRIL 19, 1904

To open binder, remove the slides from fasteners raise the fasteners to an erect position and then file papers. For punching: lay the papers on covers and mark sheets to correspond with fasteners.

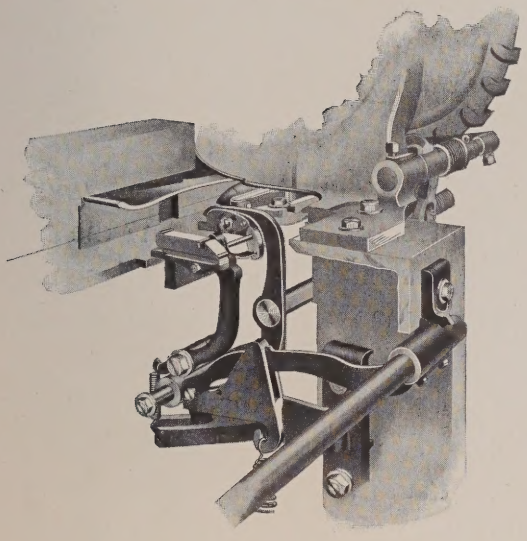
If DUPLICATE is wanted ORDER 25981

ASA L. SHIPMAN'S SONS
MANUFACTURERS,
NEW YORK.

COTTON CHATS

By the Secretary of the
DRAPER COMPANY,
HOPEDALE, MASS.

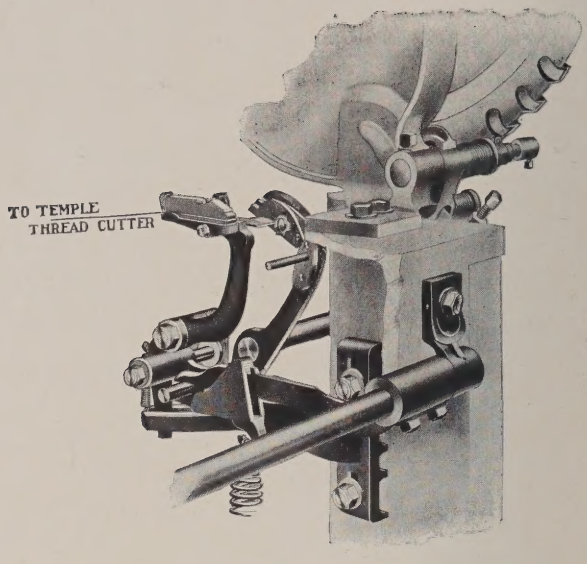
No. 25. MARCH, 1904.



THREAD CUTTING DEVICES.

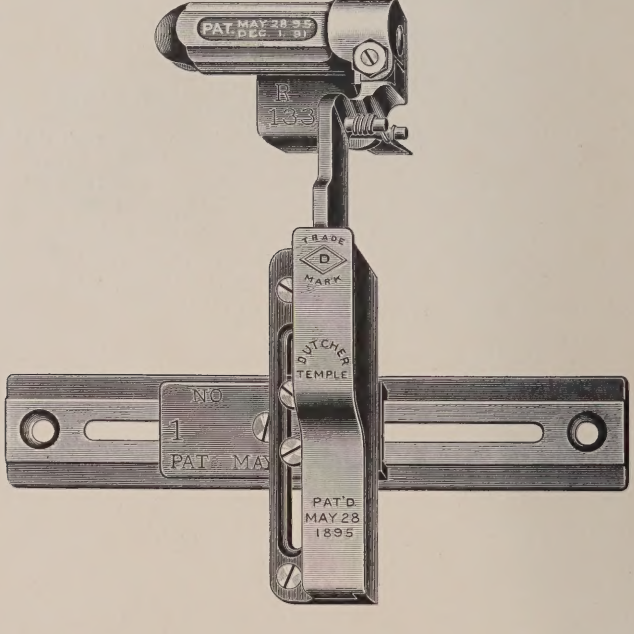
On weaves, where it is necessary to match the pick, we use our Feeler device, so-called, which operates the filling-changer when the yarn is exhausted to a pre-determined extent and thus prevents the last end of filling being woven into cloth. As the bobbin or cop skewer is ejected before the filling is woven off clean, it must necessarily remain attached to the cloth by the end of yarn still dragging from it. The shuttle, after being supplied with a new bobbin or cop, would drag this old thread back into the cloth as well as its new thread unless the old thread were cut. It is therefore necessary to provide mechanism which shall part this thread,as the regular temple thread cutter does not engage it.

The first illustration shows our latest mechanism for this purpose consisting of a blade attached to the shuttle-position detector and a separate holding device. The shuttle has entered the box and these two devices are almost in position to engage the thread. The cut on next page shows the cutter itself retired to position after having cut the thread while the holder has engaged the end near the cloth to allow the regular temple thread-cutter to cut it again near

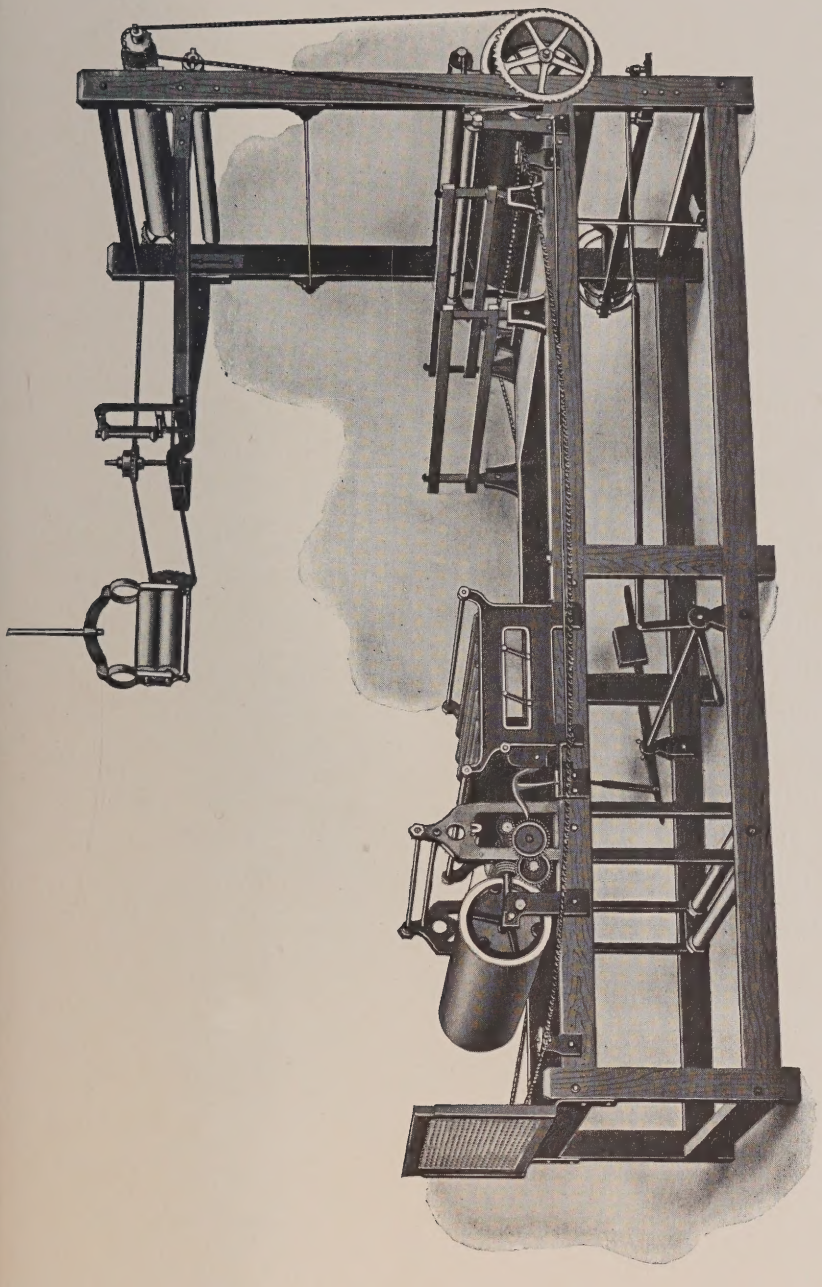


the selvage. The thread thus is cut at two places which is an additional protection against marring the selvage.

Feeler mechanisms are absolutely dependant on proper thread cutting mechanisms for successful use in filling-changing looms. We call special attention to this fact in order to save aspiring competitors a great waste of time and mental trouble. The patents on our thread cutting devices are more recent than those on our early feeler mechanisms and we doubt if any competition in feeler mechanisms is possible until the patents expire on the thread cutting devices.



This third cut shows the temple thread cutter of our latest model. It uses our modern hump cap which allows greater wear and prevents the effects of wear from becoming important. The heel is solid with the bar preventing damage to the cutter by loosening of the heel.



LATEST WALCOTT CHAIN WARPER.

Having had reason to send out a new Walcott Warper circular we had a new drawing made of our latest construction which shows application of stop-motion and new details. It may interest those intending to wind chains of from 500 to 1200 ends.

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WHAT A TIME TO BUILD COTTON MILLS!

If there ever is to be a proper time in which to organize new mills that time is now. On account of various factors, political and financial, supplies are cheapening and advantageous contracts possible. The time to build a mill is when cheap prices prevail. There need be no cause for worry over the disposition of product, for the new machinery ensures a competitive chance so long as three-fourths of the producing plants are handicapped by old machinery. Northrop looms alone will place a new mill in a preferred position, especially if good judgment is used in selection of locality and general equipment. The high price of cotton has forced the price of goods up and new mills can swing into line at a time when adverse factors will have probably exhausted themselves.

The South should put the profits from its cotton crop into new cotton mills and build up a market close at hand—a home market. And we doubt if the North is to stop building mills in view of the increasing demand for their fine goods.